

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the subject application:

Claim 1 (currently amended): A customizable presentation environment of a service broker system for interactive monitoring and control of data to and from computers and/or Internet enabled devices of a client/server safety system over the Internet, the environment comprising:

an interactive presentation of data from a client-side of the system having a plurality of object placeholders, each for holding a presentable object or a presentable reference to an object;

each placeholder having a resource for selecting the presentable object or reference held therein and a resource for selecting the placeholder; and

a data store on the server-side of the system for storing the presentable objects from the client-side, the presentable objects being linked to indicate the relationship between the objects, each object having a pointer that refers to each of the presentable objects adjacent thereto, wherein the viewable arrangement of the presentable objects displayed on a

presentable environment over the Internet is based on the manner in which the presentable objects are linked;

wherein the arrangement of the presentable objects, references, or both within the placeholders corresponds at least in part to the manner in which the presented objects and references are linked on the client-side of the system.

Claim 2 (previously presented): The environment set forth in claim 1, wherein the interactive presentation is an electronic interface.

Claim 3 (previously presented): The environment set forth in claim 2, wherein the interface is selected from a group of visual displays, auditory displays, tactile displays, digital devices or agents, and combinations thereof.

Claim 4 (previously presented): The environment set forth in claim 1, wherein the interactive presentation is an output device.

Claim 5 (previously presented): The environment set forth in claim 1, wherein the interactive presentation is an input device.

Claim 6 (previously presented): The environment set forth in claim 1, wherein the interface is automatically adaptable as an input or output device.

Claim 7 (previously presented): The environment set forth in claim 1, wherein the interactive presentation has at least one spatial dimension.

Claim 8 (previously presented): The environment set forth in claim 1, wherein the interactive presentation is a video display.

Claim 9 (previously presented): The environment set forth in claim 8, wherein the video display is a web page.

Claim 10 (previously presented): The environment set forth in claim 1, wherein the presentable objects are digital pictures or icons.

Claim 11 (previously presented): The environment set forth in claim 1, wherein the resource for selecting the presentable object or reference held therein is a selection box.

Claim 12 (previously presented): The environment set forth in claim 1, wherein the resource for selecting the placeholder is a selection bar.

Claim 13 (previously presented): The environment set forth in claim 1, further comprising a database for storing the links between references or objects.

Claim 14 (previously presented): The environment set forth in claim 1, wherein the links between presentable objects are stored in a doubly linked list.

Claim 15 (canceled)

Claim 16 (previously presented): The environment set forth in claim 2, wherein the presentable environment is viewable over the Internet.

Claim 17 (previously presented): The environment set forth in claim 16, further comprising a web server and wherein the display is part of a web page on the web server.

Claim 18 (previously presented): The environment set forth in claim 1, further comprising a resource for selecting a last position of the interactive presentation.

Claim 19 (previously presented): The environment set forth in claim 18, wherein the resource for selecting the last interactive presentation position is a selection bar.

Claim 20 (previously presented): The environment set forth in claim 1, wherein the selecting resource comprises an aural, oral, visual, electrical, mechanical, optical, or digital selector.

Claim 21 (previously presented): The environment set forth in claim 8, wherein the video display is a web page.

Claim 22 (previously presented): The environment set forth in claim 21, wherein the presentable objects are digital pictures or icons.

Claim 23 (previously presented): The environment set forth in claim 22, wherein the presentable objects are stored in a doubly-linked list.

Claim 24 (canceled)

Claim 25 (currently amended): The environment set forth in claim [[24]] 23, wherein the presentable environment is viewable over the Internet.

Claim 26 (previously presented): The environment set forth in claim 25, further comprising a web server and wherein the display is part of a web page on the web server.

Claim 27 (previously presented): The environment set forth in claim 26, further comprising a resource for selecting a last portion of the interactive presentation.

Claim 28 (previously presented): The environment set forth in claim 27, wherein the resource for selecting the last interactive presentation position is a selection bar.

Claim 29 (previously presented): The environment set forth in claim 28, wherein the selecting resource comprises an aural, oral, visual, electrical, mechanical, optical, or digital selector.

Claim 30 (previously presented): The environment set forth in claim 22, wherein the resource for selecting the presentable object or reference held therein is a selection box.

Claim 31 (previously presented): The environment set forth in claim 22, wherein the resource for selecting the placeholder is a selection bar.

Claim 32 (previously presented): The environment set forth in claim 30, wherein the selecting resource comprises an aural, oral, visual, electrical, mechanical, optical, or digital selector.

Claim 33 (previously presented): The environment set forth in claim 31, wherein the selecting resource comprises an aural, oral, visual, electrical, mechanical, optical, or digital selector.

Claim 34 (previously presented): The environment set forth in claim 22, wherein the interactive presentation is an output device.

Claim 35 (previously presented): The environment set forth in claim 22, wherein the interactive presentation is an input device.

Claim 36 (previously presented): The environment set forth in claim 22, wherein the interface is automatically adaptable as an input or output device.

Claim 37 (previously presented): The environment set forth in claim 22, wherein the interactive presentation has at least one spatial dimension.

Claim 38 (previously presented) A customizable presentation environment of a service broker system for interactive monitoring and control of data to and from computers and/or Internet enabled devices of a client/server system for safety applications over the Internet, the environment comprising:

an interactive presentation of data from a client-side of the system having a plurality of object placeholders, each for holding a presentable object or a presentable reference to an object, the interactive presentation being a video display of a web page and the presentable objects being digital pictures or icons;

each placeholder having a resource for selecting the presentable object or reference held therein and a resource for selecting the placeholder, the resource for selecting the presentable object or reference being a selection box and comprising an aural, oral, visual, electrical, mechanical, optical, or digital selector, and the resource for selecting the place holder being a selection bar and comprising an aural,



oral, visual, electrical, mechanical, optical, or digital selector;

a data store on the server-side of the system for storing the presentable objects from the client-side, the presentable objects being linked to indicate the relationship between the objects and stored in a doubly-linked list, each object having a pointer that refers to each of the presentable objects adjacent thereto, wherein the arrangement of the presentable objects, references, or both within the placeholders corresponds at least in part to the manner in which the presented objects and references are linked on the client-side of the system, and the presentable environment is viewable over the Internet;

a web server wherein the display is part of a web page on the server; and

a resource for selecting a last portion of the interactive presentation, the resource being a selection bar and comprising an aural, oral, visual, electrical, mechanical, optical, or digital selector.

Claim 39 (currently amended) A service broker system having a customizable presentation environment for interactive monitoring and control of data to and from computers and/or Internet enabled devices of a client/server system for safety applications over the Internet, the environment comprising:

an interactive presentation having a plurality of object placeholders, each for holding a presentable object or a presentable reference to an object;

each placeholder having a resource for selecting the presentable object or reference held therein and a resource for selecting the placeholder; and

a data store for storing the presentable objects;

the presentable objects being linked to indicate the relationship between the objects, each object having a pointer that refers to each of the presentable objects adjacent thereto,

wherein the arrangement of the presentable objects, references, or both within the placeholders corresponds at least in part to the manner in which the presented objects and references are linked.

Claim 40 (currently amended) A method for interactive monitoring and control of data to and from computers and/or

Internet enabled devices of a client/server system for safety applications over the Internet using a customizable presentation environment of a service broker system, the method comprising the steps of:

providing an interactive presentation having a plurality of object placeholders, each for holding a presentable object or a presentable reference to an object, each placeholder having a resource for selecting the presentable object or reference held therein and a resource for selecting the placeholder;

providing a data store for storing the presentable objects; and

linking the presentable objects to indicate the relationship between the objects, each object having a pointer that refers to each of the presentable objects adjacent thereto, wherein the arrangement of the presentable objects, references, or both within the placeholders corresponds at least in part to the manner in which the presented objects and references are linked.